



Nuclear Science Division

Attachment C: Six options for early occupancy of Homestake to be formally evaluated and costs and schedule estimated.

1. Re-Entry; Safe Access for Mining Personnel; Basic shaft safety operation; rehab 4850 and access to 3950; safety/ventilation/limited access from bulkheads surface to 4850; Ventilation, water treatment, Continuing minimum pumping operation, Geosciences access in coordination with mining personnel only,
 - a. Hold water at 4850 level
 - b. Hold water at current level
 - c. Remove accumulated water
2. Re-Entry; Safe access for Mining Personnel and Research; shaft upgrade; rehab 4850 and access to 3950; safety/ventilation bulkheads surface to 4850; Ventilation, water treatment; Continuing pumping operation, Safe Access for Physics and Geosciences
 - a. Hold water at 4850 level, 4850 research and above
 - b. Hold water at current level, 4850 research and above
 - c. Remove accumulated water, deep research (this option was presented by Syd and Bill)